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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/869,259	11/26/2001	Jerry Moscovitch	500500008USB	2432
26912	7590	01/30/2004		
GOWLING LAFLEUR HENDERSON LLP COMMERCE COURT WEST, SUITE 4900 TORONTO, ON M5L 1J3 CANADA			EXAMINER ANYASO, UCHENDU O	
			ART UNIT	PAPER NUMBER
			2675	9

DATE MAILED: 01/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/869,259

Applicant(s)

MOSCOVITCH ET AL.

Examiner

Uchendu O Anyaso

Art Unit

2675

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 8. 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. **Claims 1-6** are pending in this action.

***Claim Rejections - 35 USC ' 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1, 2, 4 and 5** are rejected under 35 U.S.C. 102(b) as being anticipated by Moscovitch (U.S. Patent 5,687,939).

Regarding **claims 1**, Moscovitch teaches a display system comprising a first and second liquid crystal display screen (figure 1 at 14 & 16).

Also, Moscovitch teaches an arm (20) which supports said first and second display screens in the display system (figure 1 at 20).

Furthermore, Moscovitch teaches a display system wherein a first quick release assembly that is adapted to releasably secure one of said first and second LCD screens to said support arm such that said one LCD screen can be quickly uncoupled from said support arm, wherein mechanical and electrical connections to said on LCD screen are simultaneously disconnected (column 3, lines 35-54, figures 8-11).

Regarding **claim 2**, in further discussion of claim 1, Moscovitch teaches a display system with a quick release assembly comprising a first secured docking member secured to the support

Art Unit: 2675

arm (20) and a second docking member secured to the one LCD screen (column 5, lines 16-47, figures 12, 13 at 100, 102, 106, 108).

Furthermore, Moscovitch teaches how the second docking member is adapted to slidably engage the first docking member to mechanically and electrically couple the LCD screen to the support arm (column 5, lines 16-23, figures 12, 13 at 100, 102, 106, 108).

Regarding **claim 4**, Moscovitch teaches a display system comprising a first and second liquid crystal display screen (figure 1 at 14 & 16).

Also, Moscovitch teaches an arm (20) which supports said first and second display screens in the display system (figure 1 at 20).

Furthermore, Moscovitch teaches a display system for a computer wherein the first LCD screen is further pivotably supported at a point on a housing thereby enabling the first LCD screen to pivot from a landscape mode to a portrait mode without interference from the second LCD screen (column 4, line 61 through column 5, lines 1-15, figures 1, 3-6).

Regarding **claim 5**, Moscovitch teaches a display system comprising a first and second liquid crystal display screen (figure 1 at 14 & 16).

Also, Moscovitch teaches an arm (20) which supports said first and second display screens in the display system (figure 1 at 20).

Furthermore, Moscovitch teaches a pivoting mechanism for enabling each of the LCD to be pivoted in portrait and landscape orientations (figures 1 & 6).

Furthermore, Moscovitch's invention teaches how support arm having a first and second component wherein the first component is movable relative to the second component, and thus, extends the overall length of the LCD screens to be pivoted without physical interference that may occur between the dual LCD screens (figures 1, 6, 14, 15 & 16).

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. **Claim 3** is rejected under 35 U.S.C. 102(b) as being anticipated by *Reavey et al* (U.S. Patent 5,847,698).

Regarding **claim 3**, Reavey et al teaches a laptop computer (100) comprising a housing (16) (column 4, line 50), a keyboard/processor (20) housed in said housing (column 5, lines 14-17), a first liquid display screen, and a second LCD screen pivotably secured to the first LCD

screen and adapted to be folded at least partially over the first LCD screen when the laptop is not being used (column 5, lines 33-46, figures 1-6).

***Claim Rejections - 35 USC ' 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. **Claim 6** are rejected under 35 U.S.C. 103(a) as being unpatentable over *Moscovitch* (U.S. Patent 5,687,939) in view of *Reavey et al* (U.S. Patent 5,847,698).

Regarding **claim 6**, *Moscovitch* teaches a display system comprising a base portion (12), and a vertical support column 20 extending from the base system (column 3, lines 13-21, figure 1 at 12 & 20). However, *Moscovitch* does not teach the base portion of its display system including at least an audio speaker and a plurality of controls for controlling the operation of the display system. On the other hand, *Reavey* teaches a computer system that has interface devices such as a display and audio equipment (column 2, lines 4-11).

Thus, it would have been obvious to a person of ordinary skill in the art to combine *Moscovitch* and *Reavey* because while *Moscovitch* teaches a display system comprising a base portion 12, and a vertical support column 20 extending from the base system, *Reavey* discloses a computer system that has interface devices such as a display and audio equipment. The motivation for combining these inventions would have been to provide a display system that performs a variety of electronic functions.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uchendu O. Anyaso whose telephone number is (703) 306-5934. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steve Saras, can be reached at (703) 305-9720.

**Any response to this action should be mailed to:**


Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

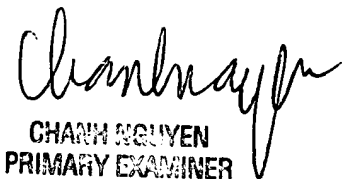
**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

  
Uchendu O. Anyaso

01/24/2004

  
CHANH NGUYEN  
PRIMARY EXAMINER